

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072021\
 Data File : VX023364.D
 Acq On : 20 Jul 2021 19:50
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072021

Manual Integrations
 APPROVED

MMDadoda
 7/21/2021 5:54:08 PM

Quant Time: Jul 21 06:32:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072021W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 21 06:29:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	88904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	115739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48055	45.914	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.820%
35) Dibromofluoromethane	5.397	113	36322	47.669	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	8.653	98	122783	47.695	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.380%
62) 4-Bromofluorobenzene	11.085	95	50335	47.287	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	50285	54.358	ug/l	100
3) Chloromethane	1.294	50	20932	49.889	ug/l	92
4) Vinyl Chloride	1.374	62	22401	50.500	ug/l	95
5) Bromomethane	1.599	94	22056	51.787	ug/l	99
6) Chloroethane	1.679	64	12749	50.230	ug/l	98
7) Trichlorofluoromethane	1.886	101	59344	51.831	ug/l	100
8) Diethyl Ether	2.142	74	13172	46.714	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	33515	49.115	ug/l	98
10) Methyl Iodide	2.453	142	42457	41.898	ug/l	98
11) Tert butyl alcohol	2.983	59	49371	243.161	ug/l	100
12) 1,1-Dichloroethene	2.319	96	31007	49.922	ug/l	96
13) Acrolein	2.239	56	13382	241.405	ug/l	99
14) Allyl chloride	2.666	41	34262	48.389	ug/l	96
15) Acrylonitrile	3.075	53	71965	240.423	ug/l	99
16) Acetone	2.392	43	72509	242.331	ug/l	99
17) Carbon Disulfide	2.514	76	74309	47.203	ug/l	99
18) Methyl Acetate	2.715	43	27731	46.384	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	121735	48.492	ug/l	96
20) Methylene Chloride	2.794	84	34436	44.860	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	34282	47.321	ug/l	96
22) Diisopropyl ether	3.776	45	66541	46.652	ug/l	98
23) Vinyl Acetate	3.733	43	326730	242.719	ug/l	99
24) 1,1-Dichloroethane	3.617	63	54356	47.617	ug/l	99
25) 2-Butanone	4.568	43	95698	243.883	ug/l	98
26) 2,2-Dichloropropane	4.483	77	60282	47.021	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	40402	47.372	ug/l	99
28) Bromochloromethane	4.904	49	16203	44.778	ug/l	96
29) Tetrahydrofuran	5.013	42	54950	243.032	ug/l	99
30) Chloroform	5.105	83	71761	48.965	ug/l	96
31) Cyclohexane	5.483	56	40198	47.535	ug/l	92
32) 1,1,1-Trichloroethane	5.397	97	78895	49.667	ug/l	98
36) 1,1-Dichloropropene	5.702	75	47484	51.319	ug/l	99
37) Ethyl Acetate	4.727	43	37709	52.049	ug/l	99
38) Carbon Tetrachloride	5.684	117	78252	52.810	ug/l	92
39) Methylcyclohexane	7.385	83	57340	51.080	ug/l	97
40) Benzene	6.044	78	127831	50.237	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	19383	47.302	ug/l	99
42) 1,2-Dichloroethane	6.098	62	63993	52.941	ug/l	100
43) Isopropyl Acetate	6.348	43	61607	49.725	ug/l	99
44) Trichloroethene	7.135	130	46454	48.581	ug/l	100
45) 1,2-Dichloropropane	7.440	63	26945	50.104	ug/l	99
46) Dibromomethane	7.586	93	26671	50.889	ug/l	97
47) Bromodichloromethane	7.830	83	56534	51.475	ug/l	97
48) Methyl methacrylate	7.696	41	31072	52.051	ug/l	99
49) 1,4-Dioxane	7.665	88	19814	991.868	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	186750	252.501	ug/l	98
52) Toluene	8.726	92	91048	50.918	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	58438	50.279	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	56258	50.525	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	37119	51.083	ug/l	99
56) Ethyl methacrylate	9.122	69	53062	51.754	ug/l	99
57) 1,3-Dichloropropane	9.311	76	57168	51.331	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.251	63	114012	251.740	ug/l	100
59) 2-Hexanone	9.433	43	151465	260.835	ug/l	99
60) Dibromochloromethane	9.525	129	50864	51.643	ug/l	99
61) 1,2-Dibromoethane	9.616	107	42653	51.298	ug/l	99
64) Tetrachloroethene	9.281	164	51493	49.990	ug/l	97
65) Chlorobenzene	10.086	112	109665	51.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50603	52.970	ug/l	97
67) Ethyl Benzene	10.195	91	186602	51.019	ug/l	100
68) m/p-Xylenes	10.305	106	150143	104.459	ug/l	98
69) o-Xylene	10.646	106	74959	52.932	ug/l	99
70) Styrene	10.659	104	124029	52.145	ug/l	100
71) Bromoform	10.805	173	45800	49.350	ug/l #	97
73) Isopropylbenzene	10.963	105	202580	51.439	ug/l	99
74) N-amyl acetate	10.848	43	51363	51.744	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	47982	51.155	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	49291m	49.248	ug/l	
77) Bromobenzene	11.201	156	56541	51.272	ug/l	99
78) n-propylbenzene	11.305	91	215375	52.278	ug/l	99
79) 2-Chlorotoluene	11.366	91	136586	51.031	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	183019	51.857	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	17320	50.580	ug/l	97
82) 4-Chlorotoluene	11.457	91	160813	50.327	ug/l	99
83) tert-Butylbenzene	11.719	119	180688	51.998	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	182627	52.784	ug/l	99
85) sec-Butylbenzene	11.896	105	206412	52.093	ug/l	100
86) p-Isopropyltoluene	12.012	119	194141	52.647	ug/l	99
87) 1,3-Dichlorobenzene	11.975	146	100907	51.510	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	100565	49.390	ug/l	99
89) n-Butylbenzene	12.335	91	143899	52.367	ug/l	98
90) Hexachloroethane	12.542	117	32862	54.844	ug/l	99
91) 1,2-Dichlorobenzene	12.341	146	100410	51.586	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17154	48.914	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	72510	53.537	ug/l	99
94) Hexachlorobutadiene	13.731	225	38786	52.584	ug/l	99
95) Naphthalene	13.780	128	219638	53.468	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	73400	54.007	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

